

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|--------------------|------------------|---------|------------------|
| L2 | 49 | (laser and (magnitude amplitude)).ti. | US-PGPUB; USPAT | OR | OFF | 2006/03/18 13:46 |
| L3 | 12 | (optical and (magnitude amplitude)).ti. and ("magneto optical" "magneto optic") | US-PGPUB; USPAT | OR | OFF | 2006/03/18 14:04 |
| L4 | 0 | (bias near2 power) near5 (((readback reproduc\$6 read\$6) adj power) with (highest maximal maximum))) | US-PGPUB; USPAT | OR | OFF | 2006/03/18 14:05 |
| L13 | 21 | (US-20010017841-\$ or US-20020067670-\$ or US-20050243676-\$).did. or (US-6908655-\$ or US-6221455-\$ or US-6511788-\$ or US-6114001-\$ or US-6187406-\$ or US-5916730-\$ or US-5761188-\$ or US-5818808-\$ or US-6791926-\$ or US-7006414-\$ or US-6845070-\$ or US-6839310-\$ or US-6611481-\$ or US-6404713-\$ or US-6404712-\$ or US-6320832-\$ or US-6584051-\$ or US-5185733-\$).did. | US-PGPUB; USPAT | OR | OFF | 2006/03/18 14:57 |
| L14 | 17 | l13 and (phase near2 change) | US-PGPUB; USPAT | OR | ON | 2006/03/18 14:58 |
| L15 | 3 | l14 and ("450") | US-PGPUB; USPAT | OR | ON | 2006/03/18 14:58 |
| S1 | 0 | 10/518027 | US-PGPUB; USPAT | OR | OFF | 2006/03/15 18:58 |
| S2 | 1 | ("20050243676").PN. | US-PGPUB; USPAT | OR | OFF | 2006/03/15 18:58 |
| S3 | 1 | ("6,791,926").PN. | US-PGPUB; USPAT | OR | OFF | 2006/03/16 15:31 |
| S4 | 41070 | "369".clas. | US-PGPUB; USPAT | OR | OFF | 2006/03/16 15:54 |
| S5 | 65 | S4 and (wavelength adj "450 nm") | US-PGPUB; USPAT | OR | ON | 2006/03/16 15:54 |
| S6 | 102720 | (amorphous or crystalline or (phase near2 chang\$3)) same mix\$4 or (amorphous or crystalline or (phase near2 chang\$3)) same (mix\$4 near10 (layer)) | US-PGPUB; USPAT | OR | OFF | 2006/03/17 11:25 |
| S7 | 102720 | (amorphous or crystalline or (phase near2 chang\$3)) same mix\$4 | US-PGPUB; USPAT | OR | OFF | 2006/03/17 11:13 |

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| S8 | 102720 | ((amorphous or crystalline) or (phase near2 chang\$3)) same mix\$4 | US-PGPUB; USPAT | OR | OFF | 2006/03/17 11:13 |
| S9 | 41070 | "369".clas. | US-PGPUB; USPAT | OR | OFF | 2006/03/17 11:14 |
| S10 | 6104 | (amorphous or crystalline or (phase near2 chang\$3)) same (mix\$4 near10 (layer)) | US-PGPUB; USPAT | OR | OFF | 2006/03/17 11:25 |
| S11 | 217 | S9 and S10 | US-PGPUB; USPAT | OR | OFF | 2006/03/17 11:39 |
| S12 | 1 | ("6,791,926").PN. | US-PGPUB; USPAT | OR | OFF | 2006/03/17 12:39 |
| S13 | 0 | S12 and S11 | US-PGPUB; USPAT | OR | OFF | 2006/03/17 11:39 |
| S14 | 99 | S11 and (test\$4 pattern "pulse train") and (jitter "error rate" "error rates") | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:07 |
| S15 | 11 | S14 and "450 nm" | US-PGPUB; USPAT | OR | ON | 2006/03/17 12:00 |
| S16 | 3 | S14 and "640 nm" | US-PGPUB; USPAT | OR | ON | 2006/03/17 12:01 |
| S17 | 1 | S14 and "640 nm" and "450 nm" | US-PGPUB; USPAT | OR | ON | 2006/03/17 12:02 |
| S18 | 0 | S15 and (NA near3 "0.7") | US-PGPUB; USPAT | OR | ON | 2006/03/17 12:04 |
| S19 | 0 | S15 and (NA near3 "0.75") | US-PGPUB; USPAT | OR | ON | 2006/03/17 12:04 |
| S20 | 0 | S15 and (("numerical aperture" aperture NA) near3 ("0.7" ".7" ".75" "0.75")) | US-PGPUB; USPAT | OR | ON | 2006/03/17 12:05 |
| S21 | 4 | S14 and (("numerical aperture" aperture NA) near3 ("0.7" ".7" ".75" "0.75")) | US-PGPUB; USPAT | OR | ON | 2006/03/17 12:08 |
| S22 | 6 | S14 and (("numerical aperture" aperture NA) near3 ("0.7"\$3 ".7"\$3)) | US-PGPUB; USPAT | OR | ON | 2006/03/17 12:09 |
| S23 | 1 | ("6511788").PN. | US-PGPUB; USPAT | OR | OFF | 2006/03/17 12:09 |
| S24 | 0 | ("I9and((NA"aperturenumericalape rture")near51.4\$5)).PN. | US-PGPUB; USPAT | OR | OFF | 2006/03/17 12:29 |
| S25 | 0 | S14 and ((NA aperture "numerical aperture") near5 ("1.4" "1.40" "1.42")) | US-PGPUB; USPAT | OR | ON | 2006/03/17 12:35 |

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| S26 | 0 | S14 and ((NA aperture "numerical aperture") near5 (("640" "0.64" ".64") ("1.4" "1.40" "1.42")))) | US-PGPUB; USPAT | OR | ON | 2006/03/17 12:35 |
| S27 | 63 | S14 and ("erase power" "bottom power" power near3 eras\$6) | US-PGPUB; USPAT | OR | OFF | 2006/03/17 12:59 |
| S28 | 6 | (US-20050243676-\$ or US-20010017841-\$).did. or (US-6791926-\$ or US-6511788-\$ or US-6221455-\$ or US-6908655-\$).did. | US-PGPUB; USPAT | OR | OFF | 2006/03/17 12:40 |
| S29 | 0 | S27 and S28 | US-PGPUB; USPAT | OR | OFF | 2006/03/17 12:40 |
| S30 | 60 | S11 and (test\$4) and (jitter "error rate" "error rates") | US-PGPUB; USPAT | OR | ON | 2006/03/17 13:02 |
| S31 | 43 | S30 and ("erase power" "bottom power" power near3 eras\$6) | US-PGPUB; USPAT | OR | OFF | 2006/03/17 13:09 |
| S32 | 26 | S11 and (test\$4 near3 (record\$6 recording)) and (jitter "error rate" "error rates") | US-PGPUB; USPAT | OR | ON | 2006/03/17 13:02 |
| S33 | 22 | S32 and ("erase power" "bottom power" power near3 eras\$6) | US-PGPUB; USPAT | OR | OFF | 2006/03/17 13:09 |
| S34 | 22 | S32 and ("erase power" "bottom power" power near3 eras\$6) | US-PGPUB; USPAT | OR | ON | 2006/03/17 13:09 |
| S35 | 1 | S14 and ((((((bottom bias) adj power) and "recording power") with optimum))) | US-PGPUB; USPAT | OR | ON | 2006/03/17 13:42 |
| S36 | 1 | S14 and ((((((bottom bias) adj power) and "recording power") with (best optimum)))) | US-PGPUB; USPAT | OR | ON | 2006/03/17 13:43 |
| S37 | 0 | S14 and (((("bias power" "bottom power" "low power" "power bias" "power bottom" "power low") and "recording power") same ((high\$4 maximum optimum) near4 ("reproduction signal" "read signal" "reproducing signal")))) | US-PGPUB; USPAT | OR | ON | 2006/03/17 13:49 |
| S38 | 0 | S14 and (((("bias power" "bottom power" "low power" "power bias" "power bottom" "power low") and "recording power") same ((high\$4 maximum optimum) with ("reproduction signal" "read signal" "reproducing signal")))) | US-PGPUB; USPAT | OR | ON | 2006/03/17 13:49 |

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| S39 | 0 | S14 and (((("bias power" "bottom power" "low power" "power bias" "power bottom" "power low" (bias adj power) (bottom adj power) (low adj power)) and "recording power") same ((high\$4 maximum optimum) with ("reproduction signal" "read signal" "reproducing signal")))) | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:03 |
| S40 | 5 | S9 and (((("bias power" "bottom power" "low power" "power bias" "power bottom" "power low" (bias adj power) (bottom adj power) (low adj power)) and "recording power") same ((high\$4 maximum optimum) with ("reproduction signal" "read signal" "reproducing signal")))) | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:04 |
| S41 | 189 | S9 and (((("bias power" "bottom power" "low power" "power bias" "power bottom" "power low" (bias adj power) (bottom adj power) (low adj power)) and "recording power") and ("reproduction signal" "read signal" "reproducing signal") same ((high\$4 maximum optimum)))) | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:15 |
| S42 | 106 | S41 and (test\$4 pattern "pulse train") and (jitter "error rate" "error rates")) | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:15 |
| S43 | 8 | S42 and S10 | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:08 |
| S44 | 210 | S9 and (((("erase power" "bias power" "bottom power" "low power" "power bias" "power bottom" "power low" (bias adj power) (bottom adj power) (low adj power)) and "recording power") and ("reproduction signal" "read signal" "reproducing signal") same ((high\$4 maximum optimum)))) | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:15 |
| S45 | 119 | S44 and (test\$4 pattern "pulse train") and (jitter "error rate" "error rates")) | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:17 |
| S46 | 8 | S45 and S10 | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:16 |
| S47 | 8 | S46 and ((var\$6 adjust\$5 incre\$8 decreas\$5 alter\$6 chang\$4) near3 power) | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:20 |

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| S48 | 108 | S45 and ((var\$6 adjust\$5 incre\$8 decreas\$5 alter\$6 chang\$4) near3 power) | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:54 |
| S49 | 11 | (US-20050243676-\$ or US-20010017841-\$).did. or (US-6791926-\$ or US-6511788-\$ or US-6221455-\$ or US-6908655-\$ or US-6114001-\$ or US-5761188-\$ or US-5818808-\$ or US-5916730-\$ or US-6187406-\$).did. | US-PGPUB; USPAT | OR | OFF | 2006/03/17 14:22 |
| S50 | 1 | S48 and S49 | US-PGPUB; USPAT | OR | OFF | 2006/03/17 14:22 |
| S51 | 406 | (369/47.53).cccls. | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:54 |
| S52 | 451 | (369/59.11).cccls. | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:54 |
| S53 | 54 | S51 and S52 | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:54 |
| S54 | 0 | wrtie near2 oncec | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:54 |
| S55 | 10882 | write near2 once | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:55 |
| S56 | 384518 | (amorphous or crystalline or (phase near2 change)) | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:55 |
| S57 | 392167 | S55 S56 | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:56 |
| S58 | 43 | S53 and S57 | US-PGPUB; USPAT | OR | ON | 2006/03/17 16:45 |
| S59 | 11 | (US-20050243676-\$ or US-20010017841-\$).did. or (US-6791926-\$ or US-6511788-\$ or US-6221455-\$ or US-6908655-\$ or US-6114001-\$ or US-5761188-\$ or US-5818808-\$ or US-5916730-\$ or US-6187406-\$).did. | US-PGPUB; USPAT | OR | OFF | 2006/03/17 14:56 |
| S60 | 0 | S58 and S59 | US-PGPUB; USPAT | OR | OFF | 2006/03/17 14:56 |
| S61 | 0 | S53 and S59 | US-PGPUB; USPAT | OR | ON | 2006/03/17 14:57 |
| S62 | 1 | ("6584051").PN. | US-PGPUB; USPAT | OR | OFF | 2006/03/17 15:55 |
| S63 | 26 | S58 and (write near2 once) | US-PGPUB; USPAT | OR | ON | 2006/03/17 16:46 |